

4.2.B. 05130203020.



Figure 4-8. Location of Subwatershed 05130203020. All Stones HUC-14 subwatershed boundaries are shown for reference.

4.2.B.i. General Description.

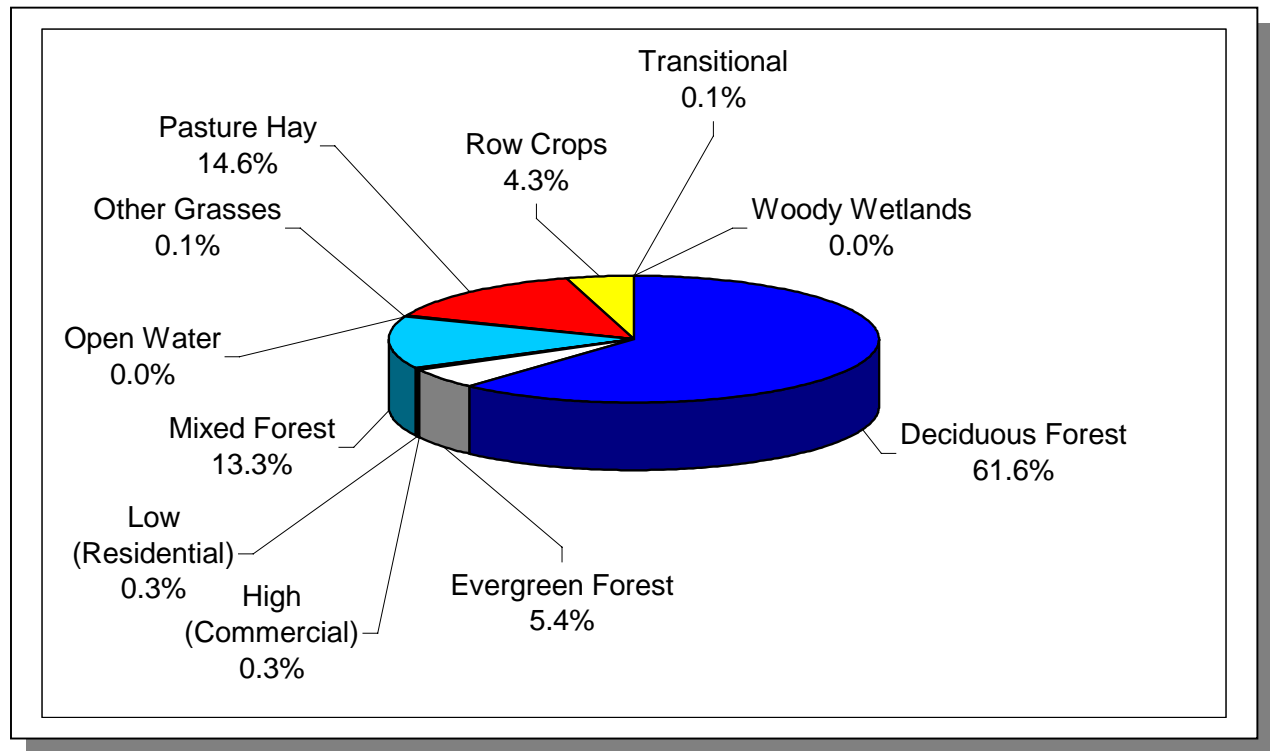


Figure 4-9. Land Use Distribution in Subwatershed 05130203020. More information is provided in Stones-Appendix IV.

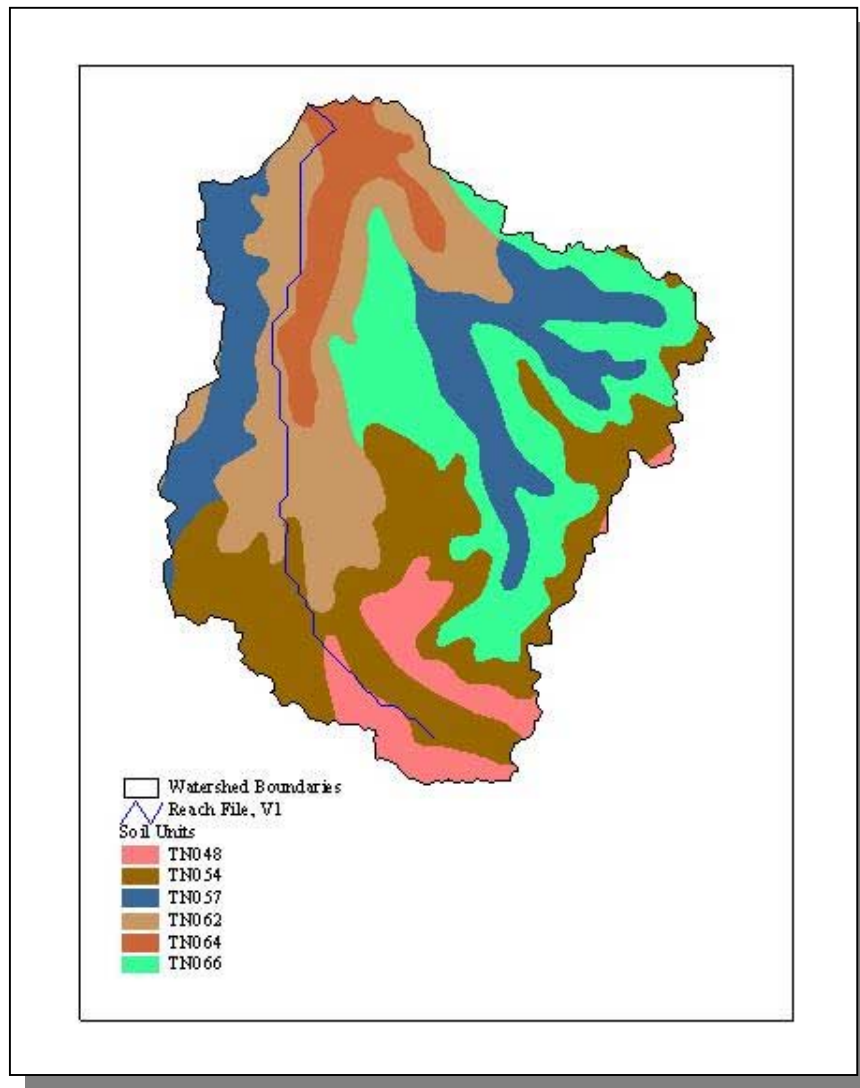


Figure 4-10. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 05130203020.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN048	8.00	C	1.38	5.06	Silty Loam	0.42
TN054	0.00	C	3.04	4.84	Loam	0.32
TN057	0.00	C	1.14	5.01	Clay Loam	0.33
TN062	0.00	C	0.98	4.40	Clay Loam	0.26
TN064	7.00	C	1.19	5.82	Silty Loam	0.37
TN066	0.00	B	2.62	4.75	Loam	0.28

Table 4-8. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 05130203020. More information is provided in Stones-Appendix IV.

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		% CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Cannon	10,467	12,011	18.59	1,946	2,233	14.7
Coffee	40,339	45,347	0.94	380	427	12.4
Rutherford	118,570	159,987	0.26	307	414	34.9
Totals	169,376	217,345		2,633	3,074	16.7

Table 4-9. Population Estimates in Subwatershed 05130203020.



Figure 4-11. Location of STORET Monitoring Site in Subwatershed 05130203020. More information is provided in Stones-Appendix IV.

4.2.B.ii. Point Source Contributions.



Figure 4-12. Location of Active Mining Sites in Subwatershed 05130203020. More information, including the names of facilities, is provided in Stones-Appendix IV.

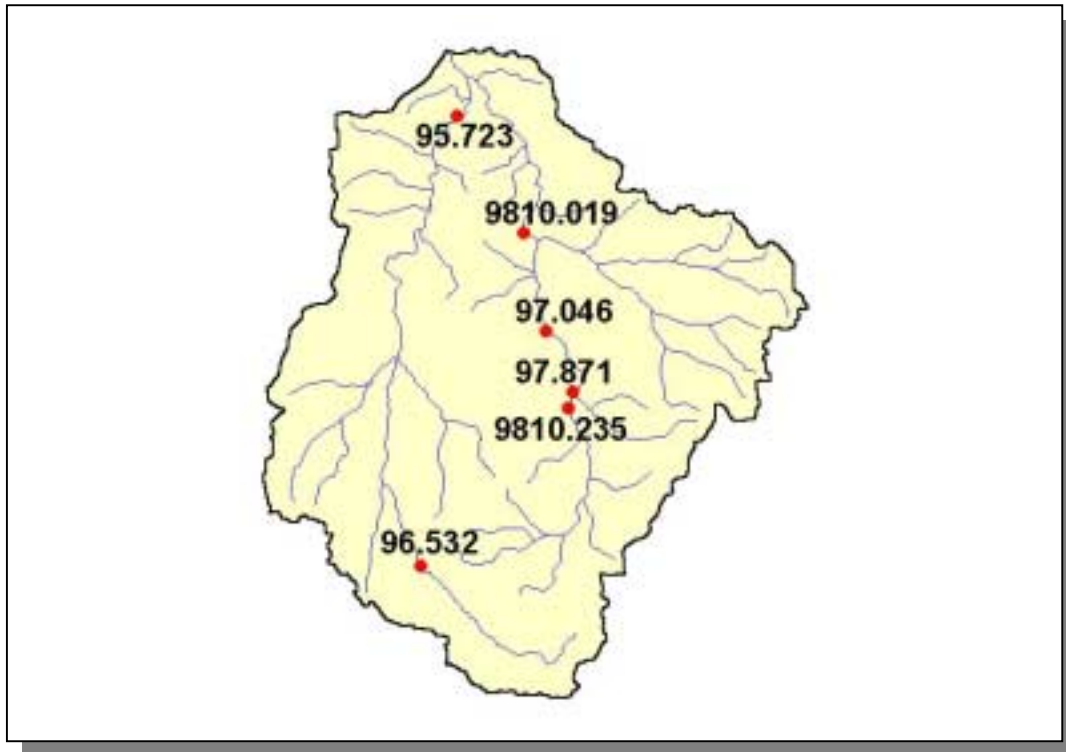


Figure 4-13. Location of ARAP Sites (Individual Permits) in Subwatershed 05130203020.
More information is provided in Stones-Appendix IV.

4.2.B.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Cattle	Milk Cow	Chickens	Chickens Sold	Hogs	Sheep
1,456	3,275	188	6	18,774	654	23

Table 4-10. Summary of Livestock Count Estimates in Subwatershed 05130203020.
According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Cannon	88.5	88.5	1.7	7.1
Coffee	114.4	114.2	2.8	12.7
Rutherford	155.7	155.7	0.4	0.9
Total	358.6	358.6	4.9	20.7

Table 4-11. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 05130203020.

CROPS	TONS/ACRE/YEAR
Non Agricultural Land Use	0.00
Berry (Horticultural)	0.47
Corn (Row Crops)	7.82
Soybeans (Row Crops)	4.09
Cotton (Row Crops)	4.24
Grass (Hayland)	0.61
Legume (Hayland)	0.32
Legume Grass (Hayland)	0.42
Grass (Pastureland)	0.43
Legume (Pastureland)	0.36
Grass, Forbs, Legumes (Mixed Pasture)	0.77
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	1.03
Conservation Reserve Program Land	0.17
Wheat (Close Grown Cropland)	4.08
Other Vegetable and Truck Crop	4.37
Other Cropland not Planted	6.68

Table 4-12. Annual Estimated Total Soil Loss in Subwatershed 05130203020.